

ABSTRACT OF THE DISCLOSURE

A hand-held bar code reader including a housing bounding an interior, a window, a generally planar printed circuit board mounted in the interior, and an optical scanning assembly mounted on the board and including a scanner for directing a light beam through the window at an acute angle relative to the board. A scanning element of the reader is manufactured by spacing a first and second support element apart by a gap bounded by edges of the support elements; injection molding a curable, elastomeric material in flowable form over the edges and into the gap; and allowing the curable, elastomeric material to cure and bond to the edges, and form a flexible hinge in the gap for enabling movement of the support elements relative to one another both away from and toward a stable rest initial position.